

Appln. No. 10/065,869  
Docket No. 128653/GEM-0068

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### AMENDMENTS TO THE SPECIFICATION

Please replace Paragraphs [0020] and [0021] as follows:

[0020] Referring to FIGs. 1 and 2, one or more imaging devices 12 acquires a primary image 50 taken along one plane (e.g., the x-y plane of FIG. 2) extending through a target body 52. The one or more imaging devices 12 also acquires one or more series 56 of secondary images 54 taken at multiple planes orthogonal to the primary image 50 plane (e.g., the x-z plane of FIG. 2). Each series 56 of secondary images 54 contains a plurality of secondary images 54. The imaging performed by imaging devices 12 may include, for example, the imaging of a human spine, where primary image [[52]] 50 is taken in the sagittal plane (looking from the left or right side of the body), and one or more series 56 of secondary images 54 are taken in the axial plane (looking from above the head or below the feet). It will be appreciated, however, that the terms "primary" and "secondary" are used herein only for clarity and do not indicate specific views, planes, or the sequence in which the images [[52]] 50 or 54 are acquired.

[0021] To aid in the application of the images [[52]] 50 and 54 for diagnosis, analysis, and the like, the computers 14 allow the images [[52]] 50 and 54 to be annotated (labeled) by a technician, physician, or other user. Annotation is accomplished using input device 22 to indicate a point 58, as shown in Fig. 3, on primary image 50 and to input or select the appropriate label (notation) 60 to be displayed at the indicated point 58. The label 60 appears on the displayed primary image 50, and is associated with the primary image 50 in computer 14 such that when the primary image 50 is retrieved at a later time, the label 60 appears on the displayed primary image 50. The association between the label 60 and the primary image 50 in computer 14 may be performed using any suitable means such as, for example, database linking, pointers, data structures, objects, and direct alteration of the primary image 50.